

Fig. 1

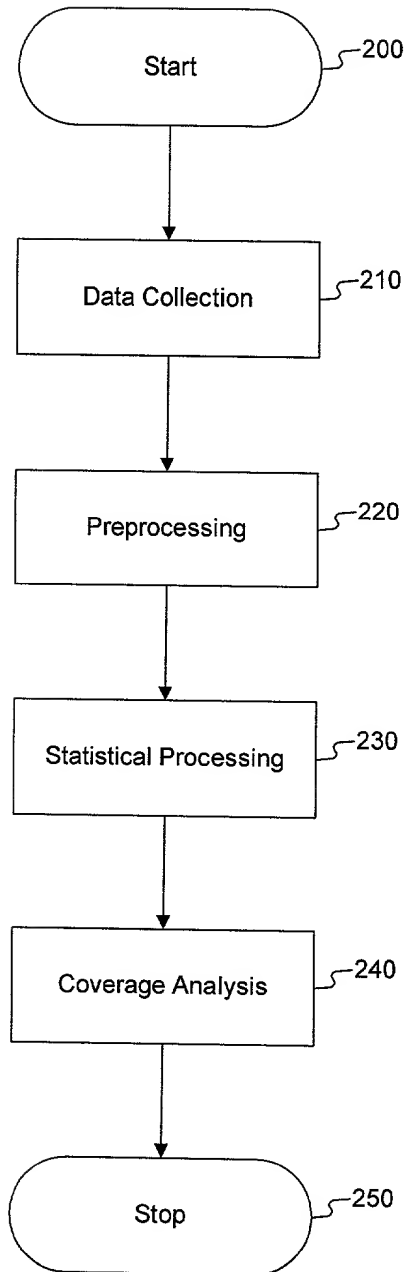


Fig. 2

Data Collection

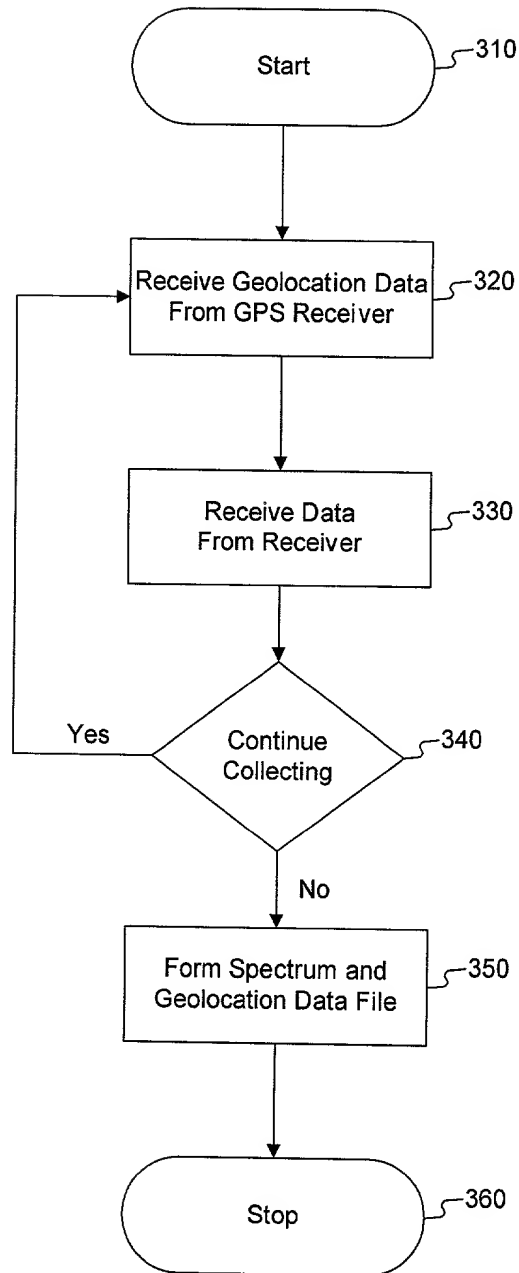


Fig. 3

Preprocessing

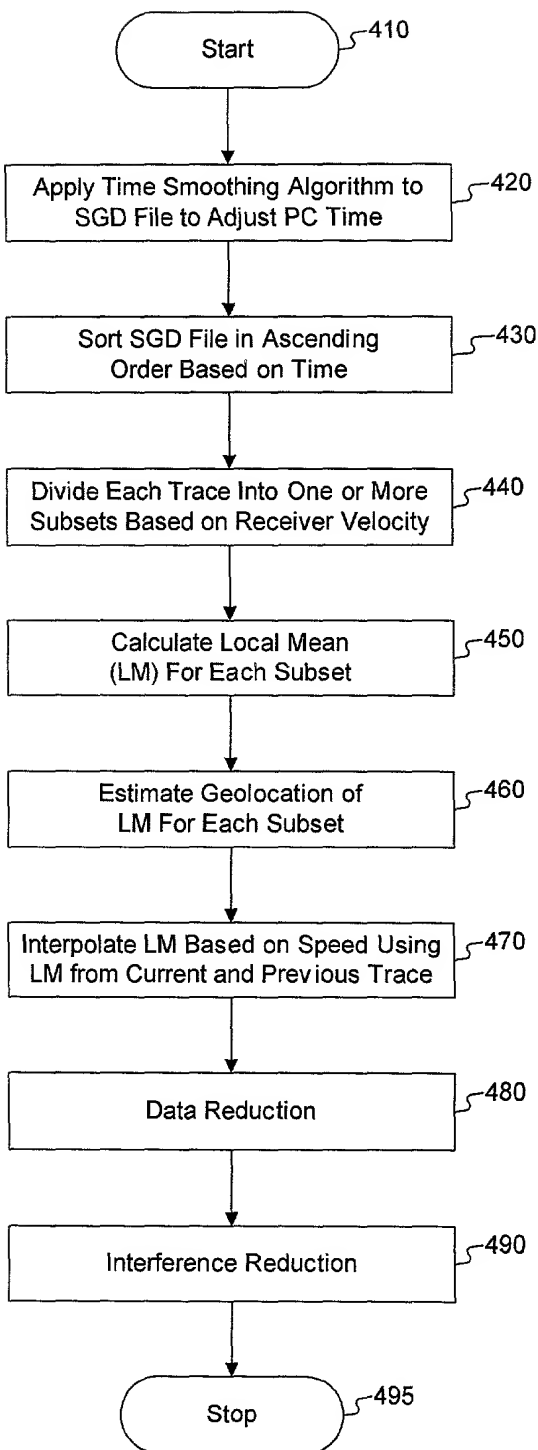


Fig. 4

PC Time								
PV	60449.56	40.77072	-74.0281	38	297			
TR	60450.39	2		-115.93	-113.87	-116.0	-120.0	-121.0
	60450.39			-112.78	-115.91	-116.0	-116.5	-117.1
PV	60451.56	40.77087	-74.0285	40	298			
TR	60451.71	2		-108.67	-110.51	-110.41	-110.61	-110.71
	60451.71			-115.76	-114.62	-114.52	-114.42	-114.32
TR	60452.53	2		-111.2	-114.44	-114.54	-114.64	-114.74
	60452.53			-110.95	-108.88	-108.60	-108.60	-107.9
PV	60453.56	40.77102	-74.0288	39	299			

Fig. 5A

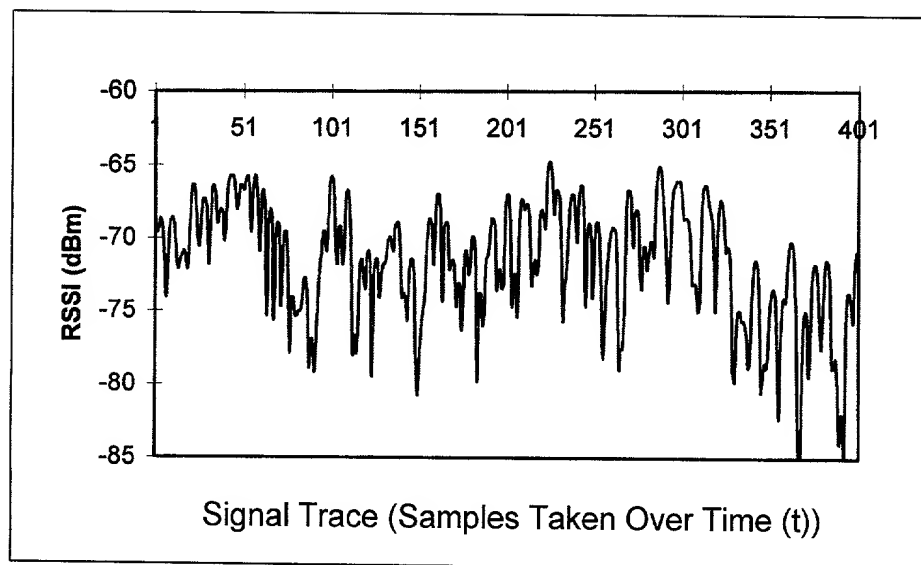


Fig. 5B

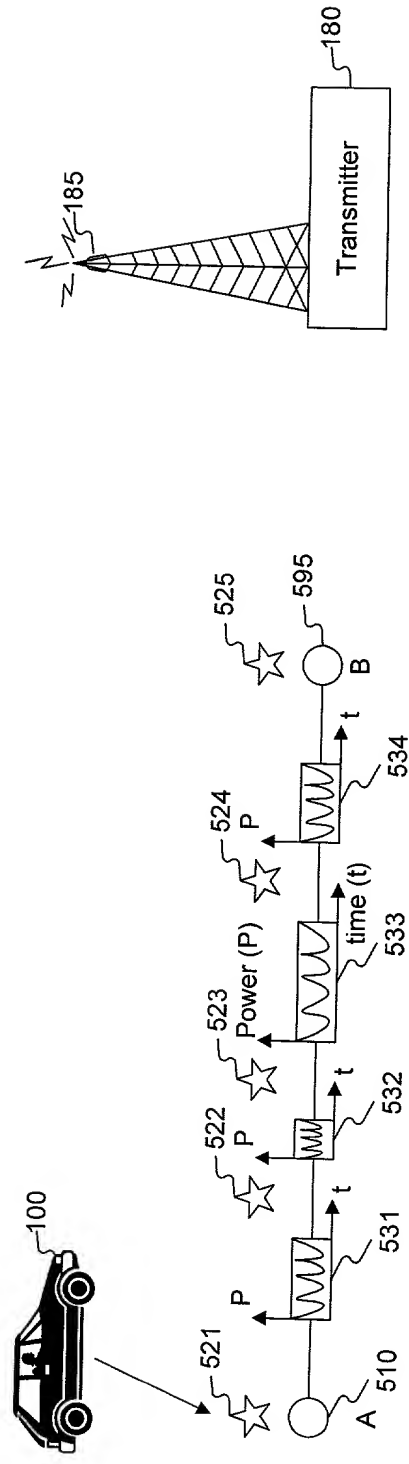


Fig. 5C

Record No	Long	Lat	Local Mean	v (mph)	Lagr-Intp	Average	Difference
1	-74.0283	40.77081	-113.8	39.14	0		
2	-74.0284	40.77084	-113.06	39.52	0		
3	-74.0285	40.77087	-111.58	39.65	1		
4	-74.0286	40.7709	-110.78	39.77	0		
5	-74.0286	40.77094	-111.6	39.58	0		
6	-74.0287	40.77097	-112.66	39.36	0		
7	-74.0288	40.771	-112.76	39.17	0		

Fig. 6

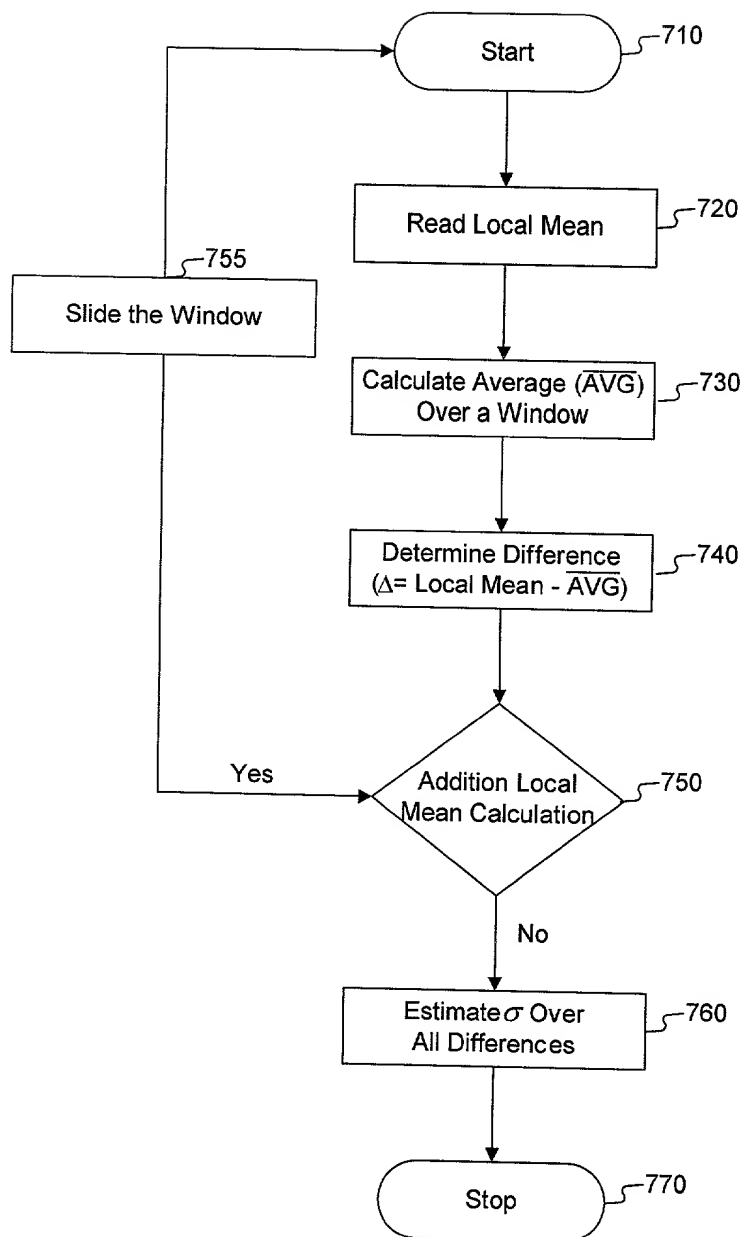


Fig. 7A

Long	Lat	Local Mean	v (mph)	Lagr-Intp	Window Average	Difference
-74.0283	40.77081	-113.8	39.14	0	-113.4	0.4
-74.0284	40.77084	-113.06	39.52	0	-112.2	1.06
-74.0285	40.77087	-111.58	39.65	1		
-74.0286	40.7709	-110.78	39.77	0		
-74.0286	40.77094	-111.6	39.58	0		
-74.0287	40.77097	-112.66	39.36	0		
-74.0288	40.771	-112.76	39.17	0		

Fig. 7B

Log-Normal Analysis

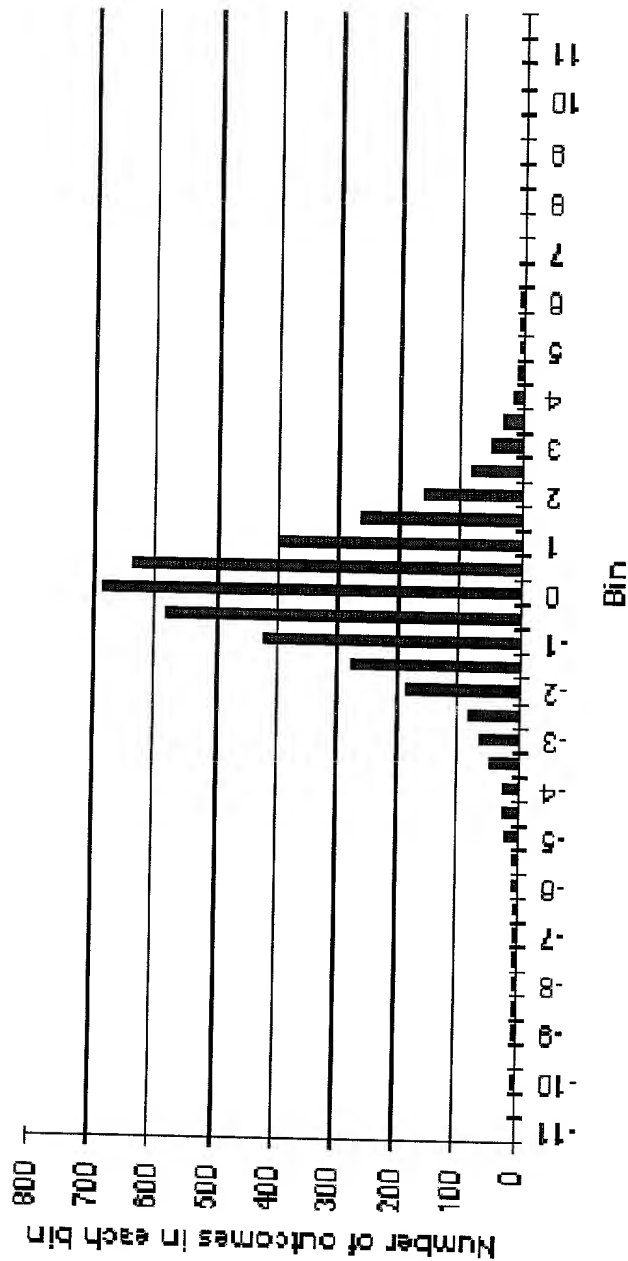


Fig. 7C

Coverage Analysis

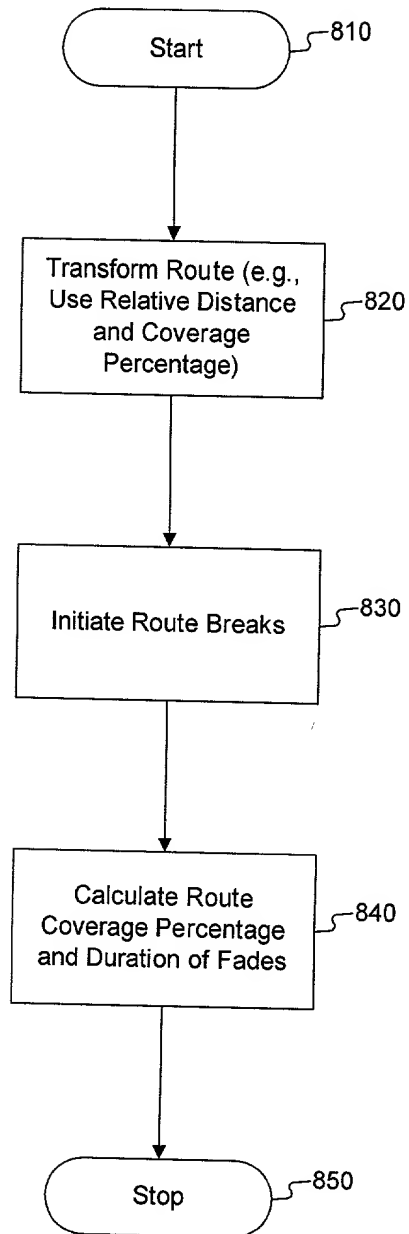


Fig. 8

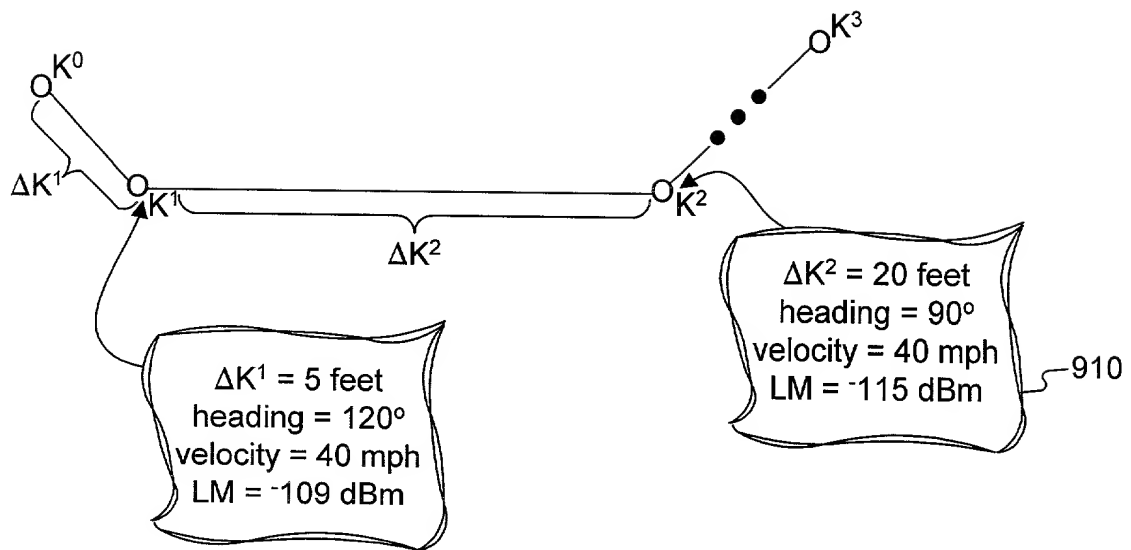


Fig. 9